

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/724,222
Filing Date	December 1, 2003
First Named Inventor	Jon Elliot ADLER, et al.
Art Unit	1649
Examiner Name	John D. Ulm
Attorney Docket Number	67824.407204

Sheet 1 of 4

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US- 6,383,778	05-07-2002	Zuker, et al.	
	2.	US- 5,993,778	11-30-1999	Firestein, et al.	
	3.	US- 2003/0054448	03-20-2003	Adler, et al.	
	4.	US- 2003/0040045	02-27-2003	Zuker, et al.	
	5.	US- 2003/0022278	01-30-2003	Zuker, et al.	
	6.	US- 2003/0022288	01-30-2003	Zuker, et al.	
	7.	US- 2002/0168635	11-14-2002	Zuker, et al.	
	8.	US- 2003/0008344	01-09-2003	Adler, et al.	
	9.	US- 2002/0160424	10-31-2002	Adler, et al.	
	10.	US- 2002/0151052	10-17-2002	Chaudhari, et al.	
	11.	US- 2002/0094551	07-18-2002	Adler, et al.	
	12.	US- 2002/0051997	05-02-2002	Zuker, et al.	
	13.	US- 6,540,978	04-01-2003	Margolskee, et al.	
	14.	US- 2003/0036089	02-20-2003	Wei, et al.	
	15.	US- 2003/0166137	09-04-2003	Zuker, et al.	
	16.	US- 2005/0106571	05-19-2005	Erlenbach, et al.	
	17.	US- 2007/0105159	05-10-2007	Erlenbach, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number

10/724,222

Filing Date

December 1, 2003

First Named Inventor

Jon Elliot ADLER, *et al.***Art Unit**

1649

Examiner Name

John D. Ulm

Attorney Docket Number

67824.407204

Sheet

2 of 4

FOREIGN PATENT DOCUMENTS

[illegible]

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/724,222
		Filing Date	December 1, 2003
		First Named Inventor	Jon Elliot ADLER, et al.
		Art Unit	1649
		Examiner Name	John D. Ulm
Sheet	3 of 4	Attorney Docket Number	67824.407204

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	27.	Xiadong Li, et al., "Human Receptors for Sweet and umami taste", Proceeding of the National Academy of Science, Vol. 99, No. 7, pg. 4692-4696, April 2, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	28.	Database EMBL 'Onlinel, embi heidelberg; Acc#: Ac062024, June 21, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	29.	E. Adler, et al., "A Novel Family of Mammalian Taste Receptors", Cell, Vol. 100, No. 6, pg. 693-702, March 17, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	30.	Guo, et al., "Protein Tolerance to Random Amino Acid change", PNAS, Vol. 101, No. 25, pg. 9205-9210, June 22, 2004.	<input type="checkbox"/>	<input type="checkbox"/>
	31.	Nelson, et al., "Mammalian Sweet Taste Receptors", Cell, Vol. 106, pg. 381-390, August 10, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	32.	Nelson, et al., "An Amino-acid Taste Receptor", Nature, Vol. 416, pg. 199-202, March 14, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	33.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	34.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 13061310, March 16, 1990.	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	36.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	37.	GenBank Accession Number AA907022, May 19, 1998.	<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE	DATE CONSIDERED
---------------------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO		Application Number	10/724,222
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Filing Date	December 1, 2003
		First Named Inventor	Jon Elliot ADLER, et al.
		Art Unit	1649
		Examiner Name	John D. Ulm
		Attorney Docket Number	67824.407204
Sheet	4 of 4		

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	38.	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	39.	Lindemann, "A Taste for Umami", Nature Neuroscience, Vol. 3, No. 2, pg. 99-100, February 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	40.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	41.	Wolfgang Bönigk, et al., "The Native Rat Olfactory Cyclic Nucleotide-Gated Channel is Composed of Three Distinct Subunits", The Journal of Neuroscience, Vol. 19, No. 136, pg. 5332-5347, July 1, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	42.	Sue C. Kinnamon and Thomas A. Cummings, "Chemosensory Transduction Mechanisms in Taste", Annu. Rev. Physiol., Vol. 54, pg. 715-731, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	